SCHOOL MEAL/FEEDING PROGRAM(S)
Most recently completed school year:
March 2018 – December 2018 (180 school days)
1. Complimentary School Food Program (Programa de Alimentación Complementaria Escolar, or P.A.C.E.)
2. Grain Program for School Lunch (Programa de Granos para el Almuerzo Escolar)

Lead Agency: Ministry of Education (Ministerio de Educación)

NATIONAL LAWS, POLICIES, AND STANDARDS
- National school feeding policy
- Nutrition
- Food safety

Line item in the national budget... [ ] Yes [ ] No [ ] NR

BUDGET
Total: USD 23,213,901
- National government: USD 23,213,901
- International donors*: USD 0
- Private sector: USD 0
- Other donors: USD 0

*Contributions by United Nations agencies or non-governmental organizations often represent funding from multiple donors.

INFRASTRUCTURE
Some (but not all) schools have electricity, piped water, flush toilets, cafeterias, and kitchens. School meals are prepared on-site, while school snacks are both prepared on-site and procured in processed form.

SPECIAL NOTES
Some UNESCO data was used to complete this report.

NR = No Response

COMPLEMENTARY ACTIVITIES
- Handwashing with soap
- Hearing testing/treatment
- Height measurement
- Dental cleaning/testing
- Weight measurement
- Menstrual hygiene
- Deworming treatment
- Drinking water
- Eye testing/eyeglasses
- Water purification
- = mandatory

Prohibited food items: Artificial condiments, meats with excess fat, sausages

FOOD SOURCES
- Purchased (domestic)
- In-kind (domestic)
- Purchased (foreign)
- In-kind (foreign)

MEALS/SNACKS/MODALITY
- Breakfast
- Take-home rations
- Lunch
- Conditional cash transfer
- Dinner
- Grains/cereals
- Fish
- Roots, tubers
- Green, leafy vegetables
- Legumes and nuts
- Other vegetables
- Dairy products
- Fruits
- Eggs
- Oil
- Meat
- Salt
- Poultry
- Sugar

The checked and highlighted items are reported as required, though they may not be uniformly implemented.

EDUCATION
- Nutrition
- Health
- Food and agriculture
- Reproductive health
- Hygiene
- HIV prevention

OTHER
- School gardens
- Physical education

GCNF GLOBAL SURVEY
GCNF is a non-political, non-profit entity incorporated in 2006. Funding for this survey and a follow-up survey in 2021 is being provided, in part, by the United States Department of Agriculture under agreement number FX18TA-109600002.

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CHILDREN RECEIVING FOOD, 2018

<table>
<thead>
<tr>
<th>School level</th>
<th>Total #</th>
<th># Enrolled</th>
<th># Receiving Food</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary school</td>
<td>462,628</td>
<td>408,961</td>
<td>N/A</td>
</tr>
<tr>
<td>Secondary school</td>
<td>434,136</td>
<td>344,790</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>896,764</td>
<td>753,751</td>
<td>461,744</td>
</tr>
</tbody>
</table>

NUMBER STUDENTS

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>700,000</td>
</tr>
<tr>
<td>2016</td>
<td>600,000</td>
</tr>
<tr>
<td>2017</td>
<td>500,000</td>
</tr>
<tr>
<td>2018</td>
<td>400,000</td>
</tr>
<tr>
<td>2019</td>
<td>300,000</td>
</tr>
<tr>
<td>2020</td>
<td>200,000</td>
</tr>
<tr>
<td>2021</td>
<td>100,000</td>
</tr>
</tbody>
</table>

COVERAGE: PRIMARY AND SECONDARY SCHOOL-AGE CHILDREN
Total number primary and secondary school-age children: 896,764
Receiving school food: 461,744
Food was also provided to some students in:
- Pre-schools
- University/higher education
- Other

3 years prior 1 year prior 2018

BOCA DEL RÍO  BOCA DEL RÍO  BOCA DEL RÍO
NUTRITION

School feeding program(s) include/involve the following:

- Fortified foods
- Bio-fortified foods
- Micronutrient supplements
- Nutritionists involved
- Special training for cooks/caterers in nutrition
- Objective to meet nutritional goals
- Objective to reduce obesity

Food items fortified:
Grains and dairy products

Micronutrients added to fortified foods:
Iron, Vitamin A, Iodine, Zinc, Folate, Vitamin B12, Thiamine, Riboflavin, Niacin, Vitamin B6, Calcium, and others

ADDITIONAL INFORMATION

18 nutritionists are involved in school feeding programs in Panama. To mitigate overweight/obesity, P.A.C.E. incorporates education programs on health, nutrition, and food, as well as physical education, while the Grain Program includes nutritional requirements for school meals and food restrictions on or near school grounds.

AGRICULTURE, EMPLOYMENT, AND COMMUNITY PARTICIPATION

Jobs created by school feeding programs
- Cooks and food preparers
- Transporters
- Off-site processors
- Food packagers and handlers
- Monitoring
- Food service management
- Safety and quality inspectors
- Other

Farmers were involved with the school feeding program(s)...
- Yes
- No
- NR

Other private sector (for profit) actors were involved...
- Yes
- No
- NR

There was a focus on creating jobs or leadership or income-generating opportunities for...
- Women
- Youth
- Other groups

There was community engagement (by parents or others) in the school feeding program(s)
- Yes
- No
- NR

ADDITIONAL INFORMATION

The Grain Program meals are prepared by three cooks per school per day, though these are usually volunteer positions.

CONTACTS: PANAMA

Agency: Ministry of Education
Website: www.meduca.gob.pa
Email: NR

SUCCESSES AND CHALLENGES

School feeding programs in Panama have been associated with a reduction in the number of children dropping out of school, a decrease in child malnutrition, and improved eating habits. The programs are supported by national legislation, draw (mostly) from domestic production, and include food items that have been fortified with vitamins and minerals.

Challenges associated with school feeding include cumbersome bureaucratic processes, along with some challenges raised by bidding companies. The limited budget is also considered to be a challenge.

STUDIES CONDUCTED

None specified

RESEARCH NEEDED

Impact evaluation of Programa de Granos Para el Almuerzo Escolar (the Complementary School Food Program)
COMPLEMENTARY SCHOOL FOOD PROGRAM
PROGRAMA DE ALIMENTACIÓN COMPLEMENTARIA ESCOLAR (P.A.C.E.)

Lead implementer(s): Ministry of Education

OBJECTIVES:
- To meet educational goals
- To meet nutritional and/or health goals
- To prevent or mitigate obesity
- To meet agricultural goals

MODALITIES OF PROVIDING STUDENTS WITH FOOD:
- In-school snacks provided four times per week during the school year (9 months)

TARGETING:
Pre-schools and primary schools; the law indicates who will be the program beneficiaries.

HOW MANY STUDENTS RECEIVED SCHOOL FOOD IN 2018 SCHOOL YEAR?

<table>
<thead>
<tr>
<th>School level</th>
<th># Students</th>
<th>% Girls</th>
<th>% Boys</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-school</td>
<td>65,261</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Primary school</td>
<td>373,789</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Secondary school</td>
<td>NR</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>437,050</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

FOOD ITEMS:
- Grains/cereals*
- Dairy products*
* fortified

FOOD SOURCES:
- Yes - Purchased (domestic) 0 - In-kind (domestic)
- Yes - Purchased (foreign) 0 - In-kind (foreign)

NOTES:
Food items in P.A.C.E. are fortified with vitamins and minerals. A majority of the food is procured in packaged/processed form, and it is generally sourced from large-scale food companies. Private companies are involved in food trading, food processing, and transport.

GRAIN PROGRAM FOR SCHOOL LUNCH
PROGRAMA DE GRANOS PARA EL ALMUERZO ESCOLAR

Lead implementer(s): Ministry of Education

OBJECTIVES:
- To meet educational goals
- To meet nutritional and/or health goals
- To prevent or mitigate obesity

MODALITIES OF PROVIDING STUDENTS WITH FOOD:
- In-school meals provided three times per week for six months of the year

TARGETING:
- Individual student characteristics
- Indigenous, rural, and marginalized urban schools are targeted

HOW MANY STUDENTS RECEIVED SCHOOL FOOD IN 2018 SCHOOL YEAR?

<table>
<thead>
<tr>
<th>School level</th>
<th># Students</th>
<th>% Girls</th>
<th>% Boys</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-school</td>
<td>37,139</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Primary school</td>
<td>399,911</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Secondary school</td>
<td>N/A</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Total</td>
<td>437,050</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

FOOD ITEMS:
- Grains/cereals*
* fortified

FOOD SOURCES:
- 0% Purchased (domestic)
- 0% In-kind (domestic)
- 100% Purchased (foreign)
- 0% In-kind (foreign)

NOTES:
School meals are prepared on-site; approximately 80% of participating schools have on-site kitchens, and students’ families are involved in food preparation. Small-scale companies are able to competitively compete for bids. However, this program experienced a serious funding deficit in the 2018 school year.